



March 17, 2005

WRITER'S DIRECT NUMBER: (202) 772-8674 INTERNET ADDRESS: MLEE@SKGF.COM Art Unit 2177

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Utility Patent Application

Appl. No. 09/848,437 Filed: May 4, 2001

System, Method, And Computer Program Product For Knowledge Management

Inventors:

BLAIR et al.

Our Ref:

2222.038000H

Sir:

Transmitted herewith for appropriate action are the following documents:

- PTO Fee Transmittal Form (PTO/SB/17); 1.
- Information Disclosure Statement; 2.
- A listing of the cited documents on Form PTO-1449 (41 pages); 3.
- Copies of the cited documents (AM39-AQ39, AL40-AQ40, AL41, AM41) 4
- 5. One (1) return postcard; and
- Credit Card Payment Form (PTO-2038) in the amount of \$180.00 to cover the 6 Information Disclosure Statement Fee.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents March 17, 2005 Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

TERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Michael 2: Lee Attorney for Applicants Registration No. 35,239

MQL/BWL:apg Enclosures

375268 1.DOC



Equivalent to Form PTO/SB/17 (12-04)

U.S. Patent and Trademark Office, use through 07/31/2008.
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Effective on 12 Fees pursuant to the Consolidated App	Complete if Known					
	Application Number 09/848,437					
FEE TRAN	IIAL	Filing Date		4ay 4, 2001		
For FY	First Named Inv	entor 1	im W. BLAIR			
Applicant claims small entity s		CED 1 27	Examiner Name	F	han, K.	
Applicant claims small entity s	alus. See 37	OFR 1.27	Art Unit	2	177	
TOTAL AMOUNT OF PAYMENT	(\$) 1	80.00	Attorney Docket	No. 2	222.038000H	
METHOD OF PAYMENT (chec	k all that app	oly)				
Check X Credit Card	Check X Credit Card Money Order None Other (please identify):					
X Deposit Account Deposit Ac	count Number:_	19-0036	Deposit Ac	count Nan	ne:Sterne, Kessler, G	oldstein & Fox P.L.L.C.
For the above-identified dep	osit account, t	he Director is her	eby authorized to	: (check a	ill that apply)	
Charge fee(s) indicate	ed below		Charg	e fee(s) ir	ndicated below, exce	pt for the filing fee
X Charge any additiona under 37 CFR 1.16 a		erpayments of fe	e(s) X Credit	any over	payments	
WARNING: Information on this form m	ay become pub	lic. Credit card inf	ormation should no	ot be inclu	ded on this form. Pro-	vide credit card
information and authorization on PTO-	2038.					
FEE CALCULATION						
1. BASIC FILING, SEARCH, A	ND EXAMIN. NG FEES		CH FEES	EVANA	NATION FEES	
	Small Enti	ity	Small Entity		Small Entity	
Application Type Fee (		Fee (\$		Fee (		Fees Paid (\$)
Utility 300	150	500	250	200	100	
Design 200	100	100	50	130	65	
Plant 200	100	300	150	160	80	
Reissue 300	150	500	250	600	300	
Provisional 200	100	0	0	0	0	
2. EXCESS CLAIM FEES						Small Entity
Fee Description Each claim over 20 or, for Reiss	mee each els	im over 20 and	l more than in th	he origin	al natent	Fee (\$) Fee (\$) 50 25
Each independent claim over 3 of						
Multiple dependent claims	,	,				360 180
Total Claims Extra C		e (\$) Fee	Paid (\$)	Multiple	e Dependent Claims	
- 20 or HP = HP = highest number of total claims pa		=		Fee	(\$) Fee Pai	d (\$)
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4. OTHER FEE(S)	6120.6 (		e s			Fees Paid (\$)
Non-English Specification,						
Other: Submission of Information Disclosure Statement 180.00						

The collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the public which i

Registration No. (Attorney/Agent)

SUBMITTED BY

Name (Print/Type) Michael O. Lee

Signature

(202) 371-2600

March 17, 2005

Telephone

35,239



Confirmation No.: 7818

Atty. Docket: 2222.038000H

Art Unit: 2177

Examiner: Phan, K.

In re application of:

BLAIR et al.

Appl. No.: 09/848,437

Filed: May 4, 2001

For: System, Method, And Computer Program Product For Knowledge

Management

## Information Disclosure Statement

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Applicants have checked the appropriate boxes below.

- 1. Statement under 37 C.F.R. 1.704(d). Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this information disclosure statement.
- 2. Filing under 37 C.F.R. § 1.97(b). This Information Disclosure Statement is being filed within three months of the date of filing of a national application other than a continued prosecution application (CPA), OR within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, OR before the mailing date of a first Office Action on the merits OR before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No statement or fee is required.
- 3. Filing under 37 C.F.R. § 1.97(c). This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection, or Notice of Allowance, or an action that otherwise closes prosecution in the application.

	∐ a.	Statement under 37 C.F.R. § 1.9/(e)(1). I hereby state that each
		item of information contained in this Information Disclosure
		Statement was first cited in any communication from a foreign
		patent office in a counterpart foreign application not more than
		three months prior to the filing of this Information Disclosure
		Statement. 37 C.F.R. § 1.97(e)(1).
	□ b.	Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item
		of information in this Information Disclosure Statement was cited
		in a communication from a foreign patent office in a counterpart
		foreign application and, to my knowledge after making reasonable
		inquiry, was known to any individual designated in 37 C.F.R.
		$\S~1.56(c)$ more than three months prior to the filing of this
		Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
	⊠ c.	Attached is our PTO-2038 Credit Card Payment Form in the
		amount of $\$\underline{180.00}$ in payment of the fee under 37 C.F.R. $\$$
		1.17(p).
□ 4.	Filing under	37 C.F.R. § 1.97(d) This Information Disclosure Statement is being
	filed more tha	an three months after the U.S. filing date and after the mailing date
	of a Final Rej	ection or Notice of Allowance, but before payment of the Issue Fee.
	Enclosed fine	d our PTO-2038 Credit Card Payment Form in the amount of
	\$i	n payment of the fee under 37 C.F.R. § 1.17(p); in addition:

	a.	Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each
		item of information contained in this Information Disclosure
		Statement was first cited in any communication from a foreign
		patent office in a counterpart foreign application not more than
		three months prior to the filing of this Information Disclosure
		Statement. 37 C.F.R. § 1.97(e)(1).
	□ b.	Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item
		of information in this Information Disclosure Statement was cited
		in a communication from a foreign patent office in a counterpart
		foreign application and, to my knowledge after making reasonable
		inquiry, was known to any individual designated in 37 C.F.R. §
		1.56(c) more than three months prior to the filing of this
		Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
<u> 5.</u>	The document	t(s) was/were cited in a search report by a foreign patent office in a
	counterpart fo	oreign application. Submission of an English language version of
	the search rep	ort that indicates the degree of relevance found by the foreign office
	is provided i	n satisfaction of the requirement for a concise explanation of
	relevance. 113	38 OG 37, 38.
☐ 6.	A concise exp	planation of the relevance of the non-English language document(s)
	appears below	in accordance with 37 C.F.R. § 1.98(a)(3).

- 7. Copies of documents <u>AM39-AQ39</u>, <u>AL40-AQ40</u>, <u>AL41</u>, <u>AM41</u> are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2), no copies of U.S. patents and patent application publications cited on the attached Form PTO-1449 are submitted.
- 8. Copies of the documents were cited by or submitted to the Office in an IDS that complies with 37 C.F.R. § 1.98(a)-(c) in Application No. 08/867,392, filed June 2, 1997 and Application No. 08/921,369, filed August 29, 1997, which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).
- It is expected that the examiner will review the prosecution and cited art in the parent application no(s). 08/867,392 and 08/921,369 in accordance with MPEP 2001.06(b), and indicate in the next communication from the office that the art cited in the earlier prosecution history has been reviewed in connection with the present application.

It is respectfully requested that the Examiner initial and return a copy of the enclosed Form PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

RNE, KUSSEER, GOLDSTEIN & FOX P.L.L.C.

Attorney for Applicants Registration No. 35,239

Date: March 17, 2005

1100 New York Avenue, N.W. Washington, D.C. 20005-3934 (202) 371-2600

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

Page 1 of 41

ATTY. DOCKET NO. APPLICATION NO. 2222.038000H 09/848,437 FIRST NAMED INVENTOR

Tim W. BLAIR FILING DATE

ART UNIT May 4, 2001
U.S. PATENT DOCUMENTS 2177

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
	AA1	RE32,632	03/1988	Atkinson				
	AB1	4,205,780	06/1980	Burns et al.				
	AC1	4,270,182	05/1981	Asija		-		
	AD1	4,486,857	12/1984	Heckel				
	AE1	4,533,910	08/1985	Sukonick et al.				
	AF1	4,555,775	11/1985	Pike				
	AG1	4,622,545	11/1986	Atkinson				
	AH1	4,736,308	04/1988	Heckel				
		F	OREIGN PA	TENT DOCUMENTS			1.	
EXAMINER				an urray	01.100	SUID OL 100		
INITIAL	Al1	DOCUMENT NUMBER 0239884	10/1987	COUNTRY	CLASS	SUB-CLASS	TRANSLATION Yes	
	AJ1	5-135109	06/1993	JP			No Yes	
	AK1	6-231141	08/1994	JP			Yes No	
		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						
	AL1	Cohen, "Browsers get Bo	okWorm for M	ac," MacWeek, vol. 7, No. 39, C	Oct. 4, 199	3, p. 4.		
	AM1	Commands and Settings, to 1-70, 1988-1993.	OmniPage Pr	rofessional Windows Version 5,	Caere Cor	poration; Cha	pter 1, pp. 1-1	
	AN1	The Complete Document Profiling and Retrieval System for Windows, World Software Corporation, Worldox, Copyright World Software Corp., 1992.						
	AO1	Conklin, "Hypertext: An Introduction and Survey," Computer, pp. 17-41, Sep. 1987.						
	AP1	Cooper et al., "Oh! Pascal!," pp. 389-399, Jan. 1982.						
	AQ1	Cote et al., "Searching for	Common Thr	eads," Byte, vol. 17, No. 6, Jun	. 1992, pp.	290-305.		
EXAMINER					DATE CO	NSIDERED		

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

		MAR.							Page 2 of 41
		ENT.	TOADEMA		Y. DOCKET NO.			ICATION NO.	Fage 2 0141
		ORM PTO-1449			2.038000H ST NAMED INVENTOR		09/84	8,437	
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			U.S. PAT		DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	N/	AME		CLASS	SUB-CLASS	FILING DATE
	AA2	4,748,618	05/1988	В	own et al.				
	AB2	4,772,882	09/1988	м	ical				
	AC2	4,785,408	11/1988	В	ritton et al.				
	AD2	4,788,538	11/1988	к	ein et al.				
	AE2	4,812,834	03/1989	w	'ells				
	AF2	4,847,604	07/1989	D	oyle				
	AG2	4,868,733	09/1989	F	ujisawa et al.				
	AH2	4,873,623	10/1989		ane et al.				
EXAMINER	_		FOREIGN P.	ATE	NT DOCUMENTS				
INITIAL		DOCUMENT NUMBER	DATE		COUNTRY		CLASS	SUB-CLASS	TRANSLATIO
	AI2	8-221435	08/1996	-	JP				Ye N
	AJ2	WO 98/16890	04/1998		wo				Ye N
	AK2	WO 98/44430	10/1998		wo				Ye N
	,	OTHER DOCUMENTS	(Including	Aut	hor, Title, Date, Pert	tinent F	ages,	etc.)	
•	AL2	"ZyIndex Developer's To 35.	oolkit for Wind	lows,	Version 5.0, Programm	ier's Gui	de," Zyi	Lab, Copyrigh	t 1992, pp. 1-
	AM2	Curran, "Growing compa	any changes o	data e	entry," ImagingWorld, vo	ol. <b>4</b> , Iss	ue 3, M	ar. 1995.	
	AN2	"Dataware Technologies	s: Products ar	nd Se	rvices," Dataware Tech	nologies	, Соруг	ight 1996.	
	AO2	"Zylndex for Windows User's Guide," ZyLab Division, Copyright 1992, pp. 1-262.							
	AP2	Doherty, "New Op-Disk 1985, p. 15.	Peripherals D	isplay	ved at Conference," Ele	ectronic E	Enginee	ring Times, N	o. 339, Jul. 22
	AQ2	Duncan, "Zylmage's Use 1993, pp. 70 and 79.	e of Windows	Interl	ace Falls Short of Mark	c," LXI Ti	imes, vo	ol. 10, Issue 1	0 May 24,
EXAMINER						DA	TE CO	NSIDERED	
EVAIMINER									

Page 3 of 41 APPLICATION NO. ATTY, DOCKET NO. 2222.038000H 09/848,437 FIRST NAMED INVENTOR FORM PTO-1449 Tim W. BLAIR INFORMATION DISCLOSURE STATEMENT FILING DATE ART UNIT May 4, 2001 2177 U.S. PATENT DOCUMENTS EXAMINER CLASS SUB-CLASS | FILING DATE INITIAL DOCUMENT NUMBER DATE NAME 11/1989 Ingle et al. AA3 4,884,223 AR3 4.899.136 02/1990 Beard et al. AC3 04/1990 Henderson et al 4,914,732 AD3 4 931 783 06/1990 Atkinson AF3 4.935.865 06/1990 Rowe et al. 07/1990 AF3 4.939.507 Beard et al. 09/1990 Cooper et al. AG3 4.959.769 12/1990 AH3 4,977,455 Young FOREIGN PATENT DOCUMENTS EXAMINER DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION INITIAL Yes AI3 WO 98/55945 12/1998 wΩ No Yes 08/1998 WO AJ3 WO/98/34179 No Yes WO 99/62005 12/1999 wο No OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) AL3 "Eastern Electricity: BRS/Search Customer Profile." Dataware Technologies, Copyright 1995, Editing Recognized Documents, OmniPage Profession Windows Version 5, Caere Corporation, Chapter 3, pp. AM3 3-1 to 3-20, 1988-1993. AN3 "EZ-C+DE2 Images: The New Standard in Data Capture," Textware Corporation, Copyright 1994, pp. 1-8. AO3 The Fastest, Most Powerful Full Text Retrieval System, Zylndex 5.2 for Windows, Zylab, 1994. Fersko-Weiss, "3-D Reading with the Hypertext Edge," PC Magazine, vol. 10, No. 10, May 28, 1991, pp. 241-AP3 282. Fish et al., Quilt: a collaborative tool for cooperative writing, Conf. on Information Systems '88, pp. 30 to 37, AQ3 Jan., 1988. DATE CONSIDERED EXAMINER

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. 375076\_1.DOC

Page 4 of 41 ATTY. DOCKET NO. APPLICATION NO. 2222.038000H 09/848,437 FIRST NAMED INVENTOR Tim W. BLAIR FILING DATE

ART UNIT

DATE CONSIDERED

CLASS SUB-CLASS FILING DATE

2177

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT

DOCUMENT NUMBER

EXAMINER

INITIAL

May 4, 2001 U.S. PATENT DOCUMENTS DATE NAME

AB4 4,991,087 AC4 5,008,853 AD4 5,021,989 AE4 5,062,060 AF4 5,072,412 AG4 5,120,944 5,142,674  DOCUMENT NUMBER	02/1991 04/1991 06/1991 10/1991 12/1991 06/1992 08/1992	Burkowski et al.  Bly et al.  Fujisawa et al.  Kolnick  Henderson, Jr. et al.  Kern et al.				
ADA 5,021,989 AE4 5,062,060 AF4 5,072,412 AG4 5,120,944 AH4 5,142,674	06/1991 10/1991 12/1991 06/1992 08/1992	Fujisawa et al.  Kolnick  Henderson, Jr. et al.  Kern et al.				
AE4 5,062,060 AF4 5,072,412 AG4 5,120,944 AH4 5,142,674	10/1991 12/1991 06/1992 08/1992	Kolnick Henderson, Jr. et al. Kern et al.				
AF4 5,072,412 AG4 5,120,944 AH4 5,142,674	12/1991 06/1992 08/1992	Henderson, Jr. et al. Kern et al.				
AG4 5,120,944 AH4 5,142,674	06/1992 08/1992	Kern et al.				
AH4 5,142,674	08/1992					
		Barker et al.				
DOCUMENT NUMBER	FOREIGN PA	ATENT DOCUMENTS				
I DOCCINICIAL MOMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
A14					Yes No	
AJ4					Yes No	
AK4					Yes No	
OTHER DOCUMENT	S (Including	Author, Title, Date, Pertin	ent Pages,	etc.)		
AL4 "Forms Processing Proc	ducts & Service	es," TextWare Corporation, Co	pyright 1996.			
AM4 "FormWare for Window	s 95/NT," Text	Ware Corporation, Copyright 1	996.			
AN4 "Fuzzy Searching," Exe	"Fuzzy Searching," Executive Technologies, Inc., Last Updated: Jan. 12, 1996.					
AO4 Gerber, "Lotus rolls out	Gerber, "Lotus rolls out gateway for Notes, cc: Mail," InfoWorld, v. 14, n. 46, p. 1(2), Nov. 1992.					
	the Design of Hypermedia Systems," CHI '90 Tutorial, Jan. 1990.					
AP4 Halasz et al., "Issues in		WareComplex Data Capture that Puts Simplicity First," Imaging Magazine, Apr.				
	Halasz et al., "Issues in	Halasz et al., "Issues in the Design of	Halasz et al., "Issues in the Design of Hypermedia Systems," CHI '90	Halasz et al., "Issues in the Design of Hypermedia Systems," CHI '90 Tutorial, Jar	Halasz et al., "Issues in the Design of Hypermedia Systems," CHI '90 Tutorial, Jan. 1990.	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

EXAMINER



Page 5 of 41
ATTY, DOCKET NO. APPLICATION NO.
2222.038000H 09/848,437
FIRST NAMED INVENTOR
Tim W. BLAIR

INFORMATION DISCLOSURE STATEMENT U.S. PAT		FILING DATE ART UNIT May 4, 2001 2177								
		TENT DOCUMENTS								
EXAMINER INITIAL	1	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE			
111111111111111111111111111111111111111	AA5	5,148,154	₹9/1992	MacKay et al.						
	AB5	5,155,806	10/1992	Heober et al.						
	AC5	5,157,768	10/1992	Hoeber et al.						
	AD5	5,163,104	11/1992	Ghosh et al.						
	AC5	5,179,643	01/1993	Homma et al.						
-	AF5	5,222,160	06/1993	Sakai et al.			17			
	AG5	5,228,123	07/1993	Heckel						
	AH5	5,237,158	08/1993	Kern et al.						
			FOREIGN F	PATENT DOCUMENTS		J				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION			
	AI5						Yes No			
	AJ5						Yes			
	AK5						Yes			
		OTHER DOCUMENT	S (Including	g Author, Title, Date, Per	rtinent Pages,	etc.)	1			
	AL5	Haskin, "Textware 4.0: 1993, pp. 334-335.	Text Retrieva	al for Electronic Documents,"	Computer Shop	per, vol. 13, N	lo. 8, Aug.			
	AM5	Haskin, "Zylmage Finds Images And Text," PC-Computing, vol. 6, No. 5, May 1993, p. 60.								
	AN5	Help Yourself! With PCT Patent Search On CD-ROM, MicroPatent, New Haven, CT, appears to be before 1, 1993.								
	AO5	"Hip Products," ZyLab Europe BV, Copyright 1996.								
	AP5	Holtz, "Mastering Ventura; Second Edition," pp. 360-375, Jan. 1989.								
-	AQ5	How to Install and Use 1994(?).	the USAPat I	Demonstration Disc, USPTO	Office of Informa	ation Products	s Development,			
EXAMINER					DATE CO	NSIDERED				
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**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. 375076 1.DOC

MAR 1 7 2005 FORM PTO-1449

Page 6 of 41 APPLICATION NO. ATTY, DOCKET NO. 2222.038000H 09/848,437 FIRST NAMED INVENTOR Tim W. BLAIR

INFORMATION DISCLOSURE STATEMENT

FILING DATE ART UNIT 2177 May 4, 2001 U.S. PATENT DOCUMENTS EXAMINER CLASS SUB-CLASS FILING DATE INITIAL DOCUMENT NUMBER DATE NAME AA6 5.241.671 08/1993 Reed et al. AB6 5,251,294 10/1993 Abelow AC6 5.253.362 10/1993 Nolan et al. AD6 5.276.616 01/1994 Kuga et al. AE6 5.283.894 02/1994 Deran AF6 5.319.745 06/1994 Vinsonneau et al. AG6 5,349,170 09/1994 Kern AH6 5.359.508 10/1994 Rossides FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION		
	Al6						Yes No		
	AJ6						Yes No		
	AK6						Yes No		
	,	OTHER DOCUMENTS (	ncluding Auth	nor, Title, Date, P	ertinent Pages,	etc.)			

	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
AL6	HyperCard Basics, Apple Computer, Inc., 1990.
AM6	"IBM Announces Free On-Line Patent Info Service", Communications Media Center at New York Law School Web Page, Mar. 9, 1997.
AN6	"IDI brings Basis plus down to workgroups," The Seybold Report on Publishing Systems, v. 22, n. 14, p. 16(2), Apr. 1993.
AO6	Ishii, H., et al., "Clearface: Translucent Multiuser Interface for Team Work Station", Proceedings of the Second European Conference on Computer-Supported Cooperative Work, Sep., 1991, pp. 163-174.
AP6	"ZyLab: The Full Text Retrieval & Publishing Experts," ZyLab Europe BV, Copyright 1996.

World Patent Information, vol. 12, No. 3, pp. 155-157, 1990. **EXAMINER** DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Jonckheere, C., "EPOQUE (EPO QUEry Service) the Inhouse Host Computer of the European Patent Office,"

AQ6

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT

Page 7 of 41 ATTY. DOCKET NO. APPLICATION NO. 2222.038000H FIRST NAMED INVENTOR 09/848,437 Tim W. BLAIR

INFORMATION DISCLOSURE STATEMENT		FILING DATE					
II S DA			U.C. DAT	May 4, 2001			
EXAMINER	-1-		U.S. PAI	ENT DOCUMENTS		r	
INITIAL	_	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA7	5,392,428	02/1995	Robins			
	AB7	5,402,336	03/1995	Spiegelhoff et al.			
	AC7	5,404,295	04/1995	Katz et al.			
	AD7	5,404,514	04/1995	Kageneck et al.			
	AE7	5,428,778	06/1995	Brookes			
	AF7	5,432,897	07/1995	Tatsumi et al.			
	AG7	5,440,481	08/1995	Kostoff et al.			
	AH7	5,442,778	08/1995	Pedersen et al.			
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI7						Yes No
	AJ7						Yes No
	AK7						Yes No
		OTHER DOCUMENT	S (Including	Author, Title, Date, Per	tinent Pages.	etc.)	
	AL7	Karraker, "Voyager Toc No. 11, Mar. 16, 1992,		Expanded Book concept to le	et users pen the	ir own," MacV	/eek, vol. 6,
	АМ7	Knibbe, "Zylmage 2 boo	osts OCR, bat	tch duties," InfoWorld, vol. 15	5, Issue 51, Dec.	20, 1993, p.	20.
	AN7	Knibbe, "Zylmage 3.0 v software," InfoWorld, vo		stribution on CD-ROMs; Boa Sep. 19, 1994, p. 22.	sts integration w	rith WordScar	OCR
	A07	Lexis-Nexis Printout of Information Provider, B		rire Article Entitled: TMS Ann Inc., Feb. 11, 1991.	ounces Contrac	t With Major II	nsurance
	AP7	Lexis-Nexis Printout of Publishers, Business W		ire Article Entitled: TMS Ann 9, 1992.	ounces Easy Vi	ew Available f	or CD-ROM

EXAMINER DATE CONSIDERED

Business Wire Inc., Mar. 18, 1991.

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. 375076\_1.DOC

Lexis-Nexis Printout of a Business Wire Article Entitled: TMS Announces Release of Inner View 2.1 Software,

AQ7

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INFORMATION DISCLOSURE STATEMENT

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INFORMATION DISCLOSURE STATEMENT  U.S. PAT		FILING DATE		ART UNIT			
		U.S. PAT	May 4, 2001	2177	2177		
EXAMINER INITIAL	1	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
INITIAL	AA8	5,444,615	08/1995	Bennett et al.	OLAGO	000-00-00	TIENO DATE
	AB8	5,444,779	08/1995	Daniele			
	AE8	5,481,666	01/1996	Nguyen et al.			
	AD8	5,511,186	08/1995	Carhart et al.			
	AE8	5,519,857	05/1996	Kato et al.			
7.5	AF8	5,530,520	06/1996	Clearwater			125.5
	AG8	5,537,526	07/1996	Anderson et al.			
•	AH8	5,544,302	08/1996	Nguyen			
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
INITIAL	Al8	DOCOMENT NOMBER	DAIL	COONTIN	CLAGG	GOD-OLAGO	Yes
	AJ8						Yes No
	AK8						Yes No
****		OTHER DOCUMENT	S (Including	g Author, Title, Date, Perti	nent Pages,	etc.)	
	AL8	Lougher et al., Supporti Computing Systems, pp		collaboration in software main 993.	tenance, Conf.	. on Organiza	tional
	AM8	"ZyLab retrieval engine Desktop Publishing, vol	optimized for l. 8, No. 10, J	r CD-ROM; ZyLab, Progressive un. 6, 1994, p. 40.	e Technologies	s merge," Sey	bold Report on
	AN8	McEvoy, Ed., Object Lin WA, Copyright 1992.	nking and Em	bedding: Programmer's Refer	ence, Version	1, Microsoft P	ress, Redmond,
	AO8	Mallory, "New for Mac: text/graphics retrieval software from TMS," Newsbytes, Jul. 1992.					
	AP8	Marshall, "Text retrieva 12, Mar. 23, 1992, pp. 8		10 more ways to pinpoint imp	ortant informat	ion," Infowork	d, vol. 14, No.
	AQ8	Marshall, "Zylmage add and 77.	ds scanning a	ccess to Zylndex," InfoWorld,	vol. 16, No. 15	, Apr. 11, 199	4, pp. 73, 76,

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Tim W. BLAIR

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA9	5,544,352	08/1996	Egger			
	AB9	5,550,976	08/1996	Henderson et al.			
	AC9	5,551,055	08/1996	Matheny et al.			
	AD9	5,557,722	09/1996	DeRose et al.			
	AE9	5,557,785	09/1996	Lacquit et al.			
	AF9	5,559,942	09/1996	Gough et al.			
	AG9	5,568,639	10/1996	Wilcox et al.			
·	AH9	5,576,954	11/1996	Driscoll			
				ATENT DOCUMENTS			

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I	EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION Yes
		AI9						No
		AJ9						Yes No
		AK9						Yes No
			STUED DOCUMENTS (	natuding Aut	hor Title Date Pertinent	Pages.	etc.)	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

AL9	Marshall, "Zylmage is Zylndex plus a scan interface integrated," InfoWorld, vol. 15, Issue 10, Mar. 8, 1993, p. 100.

Marshall et al., "ZyIndex for Windows, Version 5.0," InfoWorld, v. 15, n. 21, May 1993, pp. 127, 129, 133 and AM9 137.

"MasterView for Microsoft Windows," TMS Inc., Copyright 1993. AN9

Matazzoni, "Expanded Book Toolkit 1.0.1," Macworld, vol. 10, No. 6, Jun., 1993, p. 158. AO9

Mendelson, "HyperWriter for Windows," PC Magazine, vol. 14, No. 3, Feb. 7, 1995, pp. 140, 142, and 143. AP9

Moore, "Dataware lands \$6.6M GPO pact," Federal Computer Week, vol. 9, No. 27, Sep. 11, 1995, pp. 84 and AO9

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SUB-CLASS TRANSLATION

Yes No

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
INITIAL	AA10	5,581,686	12/1996	Koppolu et al.			
	AB10	5,583,982	12/1996	Matheny et al.			
	AC10	5,584,035	12/1996	Duggan et al.			
	AD10	5,592,607	01/1997	Weber et al.			
	AE10	5,592,608	01/1997	Weber et al.			
	AF10	5,594,837	01/1997	Noyes			
	AG10	5,596,700	01/1997	Darnell et al.			
·	AH10	5,604,901	02/1997	Kelley et al.			
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	1.40		Yes No
_	AJ10		Yes
	AK10	THER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	
		THER DOCUMENTS (including Author, Title, Date, Fertilient ages, 1997)	
	AL10	Moore, "The Forms Processing Paradigm Shift," Imaging Magazine, Mar. 1995.	
	AM10	"NetAnswer Hosting Service," Dataware Technologies, Inc., Copyright 1995.	
	AN10	"NetAnswer: Information Super Server for the World Wide Web," Dataware Technolog 1995.	ies, Inc., Copyright
	AO10	"NetAnswers: Organizations Worldwide Take Content Onto the Web with NetAnswer, Technologies, Spring 1996.	" Dataware
	AP10	OmniPage Professional Tutorials, Windows Version 5, Caere Corp.	10
	AQ10	Ores, "Hypertext Publishing: Edit Trail," PC Magazine, vol. 14, No. 3, Feb. 7, 1995, p. 138.	p. 132, 134, 136, and

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			U.S. PATE	NT DOCUMENTS			
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NITIAL	AA11	5,615,112	03/1997	Lui Sheng et al.			
	AB11	5,615,362	03/1997	Jensen et al.			
	AC11	5,619,632	04/1997	Lamping et al.			
		5,623,679	04/1997	Rivette et al.			
	AD11		04/1997	Rivette et al.			
	AE11	5,623,681	05/1997	Fujisawa et al.			
	AF11	5,628,003			+-		
	AG11	5,630,125	05/1997	Zellweger		-	
	AH11	5,632,031	05/1997	Velissaropoulos et al.  ATENT DOCUMENTS			
			FOREIGN P		T		TRANSLATION
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	Yes
	Al11				_		No Yes
	AJ11						No
	AK11						Yes No
	AKIT	OTHER DOCUMENT	S (Including	Author, Title, Date, Pertin	ent Pages	, etc.)	
	AL11	Patents on CD-ROM, Online/Copy Costs, A to be before Sep. 1, 1	World of Opp	ology, Focus R&D, Watch Comportunities from MicroPatent, Mic	etitors, Spec croPatent US	ed Products to SA, New Have	o Market, Cut en, CT, appears
	AM11	Patentimages, User F World Newsletter, Spi	Profile Europe ring 1991, Ne	an Patents, Search & Tech Tips w Haven, CT.	, Conferenc	e Calendar, M	dicroPatent
	AN11	A. Pelham, A Wave o Legal Times, Jan. 24	of the Wand fo , 1994.	or Litigators. Tools of the Trade o	Go High-Tec	h, Focus on T	echnology,
	AO11	Perenson, "Retrieving	g Text on the	Net," PC Magazine, vol. 14, No	. 20, Nov. 21	i, 1995, p. 61.	
	AP11	Previewing the Letter Version 5.0, Lesson	r, WordPerfec 4, p. 24, and	ct Workbook for IBM Personal C Lesson 13, pp. 108-109, 1988.	omputers, W	/ordPerfect C	orporation,
	AQ11	Print out of On-Line 1992.	Help Manual,	Innerview for Windows 3.0, Ver	sion 2.2, Pre	-Release #6,	TMS, Inc. 1991
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			U.S. PATE	NT DOCUMENTS								
XAMINER		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE					
NITIAL	AA12	5,634,012	05/1997	Stefik et al.								
	AB12	5,638,519	06/1997	Haluska								
	AC12	5,642,502	06/1997	Driscoll								
	+	5,692,176	11/1997	Holt et al.								
	AD12		12/1997	Ahn								
	AE12	5,696,963	02/1998	Unger et al.								
	AF12	5,721,910		Logan et al.		<u> </u>						
	AG12	5,732,216	03/1998		_							
	AH12	5,748,956	05/1998	Lafer et al.  ATENT DOCUMENTS		1						
EXAMINER					CLASS	SUB-CLASS	TRANSLATION					
INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	305-05-06	Yes					
	Al12					<del> </del>	No.					
	AJ12						No.					
	AK12						Ye N					
	1,41,12	OTHER DOCUMENT	S (Including	Author, Title, Date, Pert	inent Pages	, etc.)						
	AL12			int'l, Inc., pp. 240-245, Jan. 19		3.						
	AN12		"re:Search V. 2.6," Software Product Specification, Computer Select, Jan. 1993.  Rooney, "Text-retrieval veterans prepare Windows attack," PC Week, v. 9, n. 24, p. 46, Jun. 1992.									
	AO12	Rooney, "ZyLab parti 25, 1993, p. 22.	ners with Cale	era: firms roll out document-in	nage system,"	PC Week, vol	. 10, No. 3, Jan					
	AP12	Schroeder, "Low Price pp. 120 and 122.	ce Point Is Ke	y for Buyers Of Text Database	es," PC Week,	vol. 8, No. 20	), May 20, 1991					
	AQ12	Schroeder, "Multime pp. 59 and 73.	dia offerings t	arget expanded platform supp	port," PC Weel	k, vol. 10, No.	13, Apr. 5, 199					
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			U.S. PAT	ENT DOCUMENTS			
XAMINER		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
NITIAL	AA13	5,754,840	05/1998	Rivette et al.			
	AB13	5,761,497	06/1998	Holt et al.			
	AC13	5,765,152	06/1998	Erickson			
	AD13	5,774,833	06/1998	Newman			
	AE13	5,794,257	08/1998	Liu et al.			
		5,808,615	09/1998	Hill et al.			
	AF13		10/1998	Wolters, Jr. et al.			
	AG13	5,826,252	11/1998	Tada et al.			
	AH13	5,832,476		PATENT DOCUMENTS			
EXAMINER					CLASS	SUB-CLASS	TRANSLATION
INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	305-05-00	Yes
	AI13						No Yes
	AJ13						No Yes
	AK13						No.
		OTHER DOCUMENT	S (Includin	g Author, Title, Date, Pertin	ent Pages	, etc.)	
	AL13	Schwartz, "Dataware	Plants CD-R	OM Seeds," Computer Systems	News, No. 4	103, Feb. 6, 1	989, p. 33.
	AM13	Search Results from Relating to APS, Full	Dialog Searc Text, Patentl	h for MicroPatent for News Relea mages, Espace, Dialog Files: 148	ases and Co 3, 479 and 6	orporate Anno 348, 1989-199	uncements 1.
	AN13	Simon, "Zylmage: A \ 1993, p. 56.	Winning Com	nbination of OCR And Text Indexi	ng," PC Ma	gazine, vol. 1	2, No. 6, Mar. 30
	AO13	Simpson, Mastering	WordPerfect	5.1 & 5.2 for Windows, p. 58.			
	AP13	Somers, *Personal T Jan. 24, 1995, p. 68.	ext-Retrieva	Software Works with Calera's W	ordScan," i	⊃C Magazine,	vol. 14, No. 2,
	AQ13	Spencer, "Tijuana da	ata entry sho	p logs 500K forms/day," Imaging	World, vol.	4, Issue 4, Ap	r. 1995.
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2222.038000H FIRST NAMED INVENTOR Tim W. BLAIR

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NITIAL	1	5,848,409	12/1998	$\overline{}$	NAMEAhn	CLASS	305-02100	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
	AA14		02/1999	+	Wolfe							
	AB14	5,870,770	02/1999	-	Heckman et al.							
	AC14	5,875,431		+	Ginter et al.							
	AD14	5,892,900	04/1999	_		+-						
	AE14	5,933,841	08/1999	-	Schumacher et al.		-					
	AF14	5,990,897	11/1999	_	Hanratty	_						
	AG14	5,991,751	11/1999		Rivette et al.							
	AH14	5,999,907	12/1999		Donner							
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	Al14							No Yes				
	AJ14							No				
	AK14						L	Ye:				
		OTHER DOCUMENTS	S (Includir	ng A	author, Title, Date, Pertin	ent Pages	, etc.)					
	AL14	Spitzer, "Needles in D	ocument Ha	aysta	acks" DBMS, vol. 9, No. 1, Ja	n., 1996, pp	84-87.					
	AM14	Sullivan, "Dataware's 1991, pp. 31-32.	Sullivan, "Dataware's CD Author System To Boast Hypertext Capability," PC Week, vol. 8, No. 31, Aug. 5, 1991, pp. 31-32.									
	AN14	"Text Retrieval Produc	"Text Retrieval Products & Services," TextWare Corporation, Copyright 1996.									
	AO14	"TextWare: Instant Inf	formation Ad	cces	ss," TexWare Corporation, Co	ppyright 1995	5.					
	AP14	"TextWare Pricing," T	extWare Co	orpo	ration, Effective Mar. 26, 199	6.						
	AQ14	Thompson et al., Full	Write Profe	essic	onalA User's Guide, pp. 99-	122, 1988.						
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NITIAL	AA15	6,003,033	12/1999	Amano et al.			
	AB15	6,006,257	12/1999	Slezak			
	AC15	6,041,323	03/2000	Kubota			
	AD15	6,067,528	05/2000	Breed et al.			
	AE15	6,078,913	06/2000	Aoki et al.			
	AF15	6,151,595	11/2000	Pirolli et al.			
	AG15	6,169,995	01/2001	Yoshimura et al.			
	AH15	6,279,014	08/2001	Schilit et al.			
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	AJ15					1	Yes
	AK15			Author, Title, Date, Perti	nant Bagge	otc )	INC
	AL15	"Toshiba America Info	ormation Syste	ems: CD-ROM Customer Profi	le," Dataware	Technologies	s, Copyright
	AN15	"Total Recall," Dataw	are Technolog	gies, Copyright 1995.			
	AO15	Tredennick, Jr., J. C. Management, vol. 19	, Full-Text Sea , No. 8, Nov./I	arch and Retrieval Winning Big Dec., 1993.	g with Compu	ters, Law Pra	ctice
	AP15	Tribute, "Searching O	CeBit for public Systems, vol	shing products; Power Mac dr. . 23, No. 15, Apr. 22, 1994, pp	aws the crowd	is at Hannove	er show," Seybol
	AQ15	Ueda, H., et al., "An Factors in Computing 343-350.	Interactive Na g SystemsRe	tural-Motion-Picture Dedicate eaching Through Technology	d Multi-Media Conference P	Authoring Sy roceedings, N	stem", Human Mar., 1991, pp.
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XAMINER IITIAL		DOCUMENT NUMBER	DATE	NAME		CLASS	SUB-CLASS	FILING DATE
IIIAL	AA16	6,282,545	08/2001	Coats				
	AB16	6,556,992	04/2003	Barney et al.				
	AC16							
	AD16							
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	Al16							No Yes
	AJ16					<u> </u>		No Yes
	AK16							No
		OTHER DOCUMENT	S (Includ	ing Author, Title	, Date, Pertinent	t Pages	, etc.)	
	AL16	Understanding OCR, 6-8 and Glossary pp.	1-8, 1988-	1993.	ows version 3, cae		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	AMIO	Voyagor ou rome,						
	AN16	"Voyager: cd-rom cat	alog," Voy	ager, 1996-1997.				
*	AO16	R. W. Wiggins, "Netv EveryoneA Guide fo	vorked Hyp or Users a	permedia: The Worl nd Providers, Chap	d-Wide Web and N ter 13, pp. 245-290	ICSA Mo ), McGrav	saic", from Th w-Hill, Inc., 19	e Internet for 95.
	AP16	"WorldView V. 1.1 ar 1993.	nd WorldV	ew Press V. 1.0.2,"	Software Product	Specifica	ation, Comput	er Select, Nov.
	AQ16	Young, "UK Police F	out Crimina	als On-Line With Ne	w National Compu	ter," Imag	ging Magazin	e, Aug. 1995.
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	AM17	"Zylmage: Common C "MicroPatent: Provide http://www.micropat.co	are o	of Patent ar	nd Trademark Information	n", from	oyright, 1996.	
		"MicroPatent: Provide http://www.micropat.co	ers c	of Patent ar nfo/mission	nd Trademark Information	i", from 6.	yyngnt, 1990.	
	AN17	"MicroPatent: Provide http://www.micropat.co	ers com/ir	of Patent ar nfo/mission n http:www	nd Trademark Information htm, Printed Dec. 6, 199	n", from 16. s.htm, 1996.		terested.htm,
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FIRST NAMED INVENTOR Tim W. BLAIR FILING DATE

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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